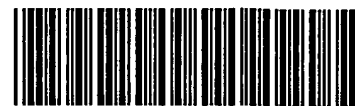


RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/594,295
Source: IFWP
Date Processed by STIC: 10/6/06

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IFWP

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DATE: 10/06/2006

PATENT APPLICATION: US/10/594,295

TIME: 11:09:19

Input Set : A:\50318.014001.txt

Output Set: N:\CRF4\10062006\J594295.raw

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3 <110> APPLICANT: SCHOFIELD, Christopher Joseph
4     HEWITSON, Kirsty Sarah
5     MCDONOUGH, Michael Arnold
6     RATCLIFFE, Peter John
7     MASSON, Norma
8     COCKMAN, Matthew Edward
10 <120> TITLE OF INVENTION: Assays
12 <130> FILE REFERENCE: 50318/014001
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/594,295
C--> 14 <141> CURRENT FILING DATE: 2006-09-27
14 <150> PRIOR APPLICATION NUMBER: PCT/GB2005/001150
15 <151> PRIOR FILING DATE: 2005-03-24
17 <150> PRIOR APPLICATION NUMBER: GB 0425760.6
18 <151> PRIOR FILING DATE: 2004-11-23
20 <150> PRIOR APPLICATION NUMBER: GB 0406914.2
21 <151> PRIOR FILING DATE: 2004-03-26
23 <160> NUMBER OF SEQ ID NOS: 23
25 <170> SOFTWARE: PatentIn version 3.3
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 21
29 <212> TYPE: PRT
30 <213> ORGANISM: Homo sapiens
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38 Ala Gln Glu Pro Cys
39           20
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43 <211> LENGTH: 21
44 <212> TYPE: PRT
45 <213> ORGANISM: Homo sapiens
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50 1           5           10           15
53 Ala Gln Glu Gln Lys
54           20
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59 <212> TYPE: PRT
60 <213> ORGANISM: Homo sapiens
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64 Asn Ala Leu Val Thr Lys Leu Leu Leu Asp Cys Gly Ala Glu Val Asn
65 1           5           10           15

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Input Set : A:\50318.014001.txt

Output Set: N:\CRF4\10062006\J594295.raw

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85 <212> TYPE: PRT
86 <213> ORGANISM: Homo sapiens
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90 Asp Val Asn Ala
91 1
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97 <213> ORGANISM: Homo sapiens
99 <400> SEQUENCE: 6
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104 <211> LENGTH: 31
105 <212> TYPE: DNA
106 <213> ORGANISM: Homo sapiens
108 <400> SEQUENCE: 7
109 gcggccacca gcagcttcaa acatggcagg c                31
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113 <211> LENGTH: 32
114 <212> TYPE: DNA
115 <213> ORGANISM: Homo sapiens
117 <400> SEQUENCE: 8
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122 <211> LENGTH: 32
123 <212> TYPE: DNA
124 <213> ORGANISM: Homo sapiens
126 <400> SEQUENCE: 9
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131 <211> LENGTH: 349
132 <212> TYPE: PRT
133 <213> ORGANISM: Homo sapiens
135 <400> SEQUENCE: 10
137 Met Ala Ala Thr Ala Ala Glu Ala Val Ala Ser Gly Ser Gly Glu Pro
138 1                5                10                15
141 Arg Glu Glu Ala Gly Ala Leu Gly Pro Ala Trp Asp Glu Ser Gln Leu
142                20                25                30

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Input Set : A:\50318.014001.txt

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145 Arg Ser Tyr Ser Phe Pro Thr Arg Pro Ile Pro Arg Leu Ser Gln Ser
146          35          40          45
149 Asp Pro Arg Ala Glu Glu Leu Ile Glu Asn Glu Glu Pro Val Val Leu
150          50          55          60
153 Thr Asp Thr Asn Leu Val Tyr Pro Ala Leu Lys Trp Asp Leu Glu Tyr
154 65          70          75          80
157 Leu Gln Glu Asn Ile Gly Asn Gly Asp Phe Ser Val Tyr Ser Ala Ser
158          85          90          95
161 Thr His Lys Phe Leu Tyr Tyr Asp Glu Lys Lys Met Ala Asn Phe Gln
162          100          105          110
165 Asn Phe Lys Pro Arg Ser Asn Arg Glu Glu Met Lys Phe His Glu Phe
166          115          120          125
169 Val Glu Lys Leu Gln Asp Ile Gln Gln Arg Gly Gly Glu Glu Arg Leu
170          130          135          140
173 Tyr Leu Gln Gln Thr Leu Asn Asp Thr Val Gly Arg Lys Ile Val Met
174 145          150          155          160
177 Asp Phe Leu Gly Phe Asn Trp Asn Trp Ile Asn Lys Gln Gln Gly Lys
178          165          170          175
181 Arg Gly Trp Gly Gln Leu Thr Ser Asn Leu Leu Leu Ile Gly Met Glu
182          180          185          190
185 Gly Asn Val Thr Pro Ala His Tyr Asp Glu Gln Gln Asn Phe Phe Ala
186          195          200          205
189 Gln Ile Lys Gly Tyr Lys Arg Cys Ile Leu Phe Pro Pro Asp Gln Phe
190          210          215          220
193 Glu Cys Leu Tyr Pro Tyr Pro Val His His Pro Cys Asp Arg Gln Ser
194 225          230          235          240
197 Gln Val Asp Phe Asp Asn Pro Asp Tyr Glu Arg Phe Pro Asn Phe Gln
198          245          250          255
201 Asn Val Val Gly Tyr Glu Thr Val Val Gly Pro Gly Asp Val Leu Tyr
202          260          265          270
205 Ile Pro Met Tyr Trp Trp His His Ile Glu Ser Leu Leu Asn Gly Gly
206          275          280          285
209 Ile Thr Ile Thr Val Asn Phe Trp Tyr Lys Gly Ala Pro Thr Pro Lys
210          290          295          300
213 Arg Ile Glu Tyr Pro Leu Lys Ala His Gln Lys Val Ala Ile Met Arg
214 305          310          315          320
217 Asn Ile Glu Lys Met Leu Gly Glu Ala Leu Gly Asn Pro Gln Glu Val
218          325          330          335
221 Gly Pro Leu Leu Asn Thr Met Ile Lys Gly Arg Tyr Asn
222          340          345
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226 <211> LENGTH: 19
227 <212> TYPE: PRT
228 <213> ORGANISM: Homo sapiens
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233 1          5          10          15
236 Ala Pro Ile
240 <210> SEQ ID NO: 12

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RAW SEQUENCE LISTING

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PATENT APPLICATION: US/10/594,295

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Input Set : A:\50318.014001.txt

Output Set: N:\CRF4\10062006\J594295.raw

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243 <213> ORGANISM: Homo sapiens
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248 1 5 10 15
251 Ala Gln Met Tyr
252 20
255 <210> SEQ ID NO: 13
256 <211> LENGTH: 20
257 <212> TYPE: PRT
258 <213> ORGANISM: Homo sapiens
260 <400> SEQUENCE: 13
262 Phe Leu Asp Thr Leu Lys Val Leu Val Glu His Gly Ala Asp Val Asn
263 1 5 10 15
266 Val Pro Asp Gly
267 20
270 <210> SEQ ID NO: 14
271 <211> LENGTH: 20
272 <212> TYPE: PRT
273 <213> ORGANISM: Homo sapiens
275 <400> SEQUENCE: 14
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278 1 5 10 15
281 Ala Lys Asp Met
282 20
285 <210> SEQ ID NO: 15
286 <211> LENGTH: 20
287 <212> TYPE: PRT
288 <213> ORGANISM: Homo sapiens
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293 1 5 10 15
296 Ala Gln Asp Lys
297 20
300 <210> SEQ ID NO: 16
301 <211> LENGTH: 20
302 <212> TYPE: PRT
303 <213> ORGANISM: Homo sapiens
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308 1 5 10 15
311 Ala Cys Asp Asn
312 20
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317 <212> TYPE: PRT
318 <213> ORGANISM: Homo sapiens
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RAW SEQUENCE LISTING

DATE: 10/06/2006

PATENT APPLICATION: US/10/594,295

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Input Set : A:\50318.014001.txt

Output Set: N:\CRF4\10062006\J594295.raw

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326 Ala Val Asn Gln
327          20
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331 <211> LENGTH: 20
332 <212> TYPE: PRT
333 <213> ORGANISM: Homo sapiens
335 <400> SEQUENCE: 18
337 Gln Leu Glu Ile Leu Glu Phe Leu Leu Leu Lys Gly Ala Asp Ile Asn
338 1          5          10          15
341 Ala Pro Asp Lys
342          20
345 <210> SEQ ID NO: 19
346 <211> LENGTH: 20
347 <212> TYPE: PRT
348 <213> ORGANISM: Homo sapiens
350 <400> SEQUENCE: 19
352 Tyr Thr Glu Val Leu Lys Leu Leu Ile Gln Ala Gly Tyr Asp Val Asn
353 1          5          10          15
356 Ile Lys Asp Tyr
357          20
360 <210> SEQ ID NO: 20
361 <211> LENGTH: 20
362 <212> TYPE: PRT
363 <213> ORGANISM: Homo sapiens
365 <400> SEQUENCE: 20
367 Asn Thr Arg Val Ala Ser Phe Leu Leu Gln His Asp Ala Asp Ile Asn
368 1          5          10          15
371 Ala Gln Thr Lys
372          20
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377 <212> TYPE: PRT
378 <213> ORGANISM: Homo sapiens
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383 <222> LOCATION: (1)..(1)
384 <223> OTHER INFORMATION: Xaa = Asp, Glu, Asn or Gln
386 <220> FEATURE:
387 <221> NAME/KEY: MISC_FEATURE
388 <222> LOCATION: (2)..(2)
389 <223> OTHER INFORMATION: Xaa = Val, Ile or Leu
391 <220> FEATURE:
392 <221> NAME/KEY: MISC_FEATURE
393 <222> LOCATION: (4)..(4)
394 <223> OTHER INFORMATION: Xaa = Ala, Val or Ile
396 <400> SEQUENCE: 21

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W--> 398 Xaa Xaa Asn Xaa

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/594,295

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Input Set : A:\50318.014001.txt
Output Set: N:\CRF4\10062006\J594295.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:21; Xaa Pos. 1,2,4

VERIFICATION SUMMARY

DATE: 10/06/2006

PATENT APPLICATION: US/10/594,295

TIME: 11:09:20

Input Set : A:\50318.014001.txt

Output Set: N:\CRF4\10062006\J594295.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application No

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0